

1 **ABSTRACT**

2 Methods and arrangements are provided to selectively control access to the
3 authentication information or portions thereof. The methods and arrangements are
4 based on a scheme wherein the authentication information further includes
5 specially encoded portions that can only be decoded by selected server-based
6 services/processes. One method for use in protecting information in forwarded
7 authentication messages includes encoding the selected data using an encryption
8 key, then encoding the encryption key itself, using at least one other encryption
9 key that only certain selected servers/services have access to, and then
10 encapsulating the resulting encoded data and the encoded encryption key in an
11 authentication message. This and other methods are particularly applicable to
12 Kerberos and other like authentication arrangements.
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